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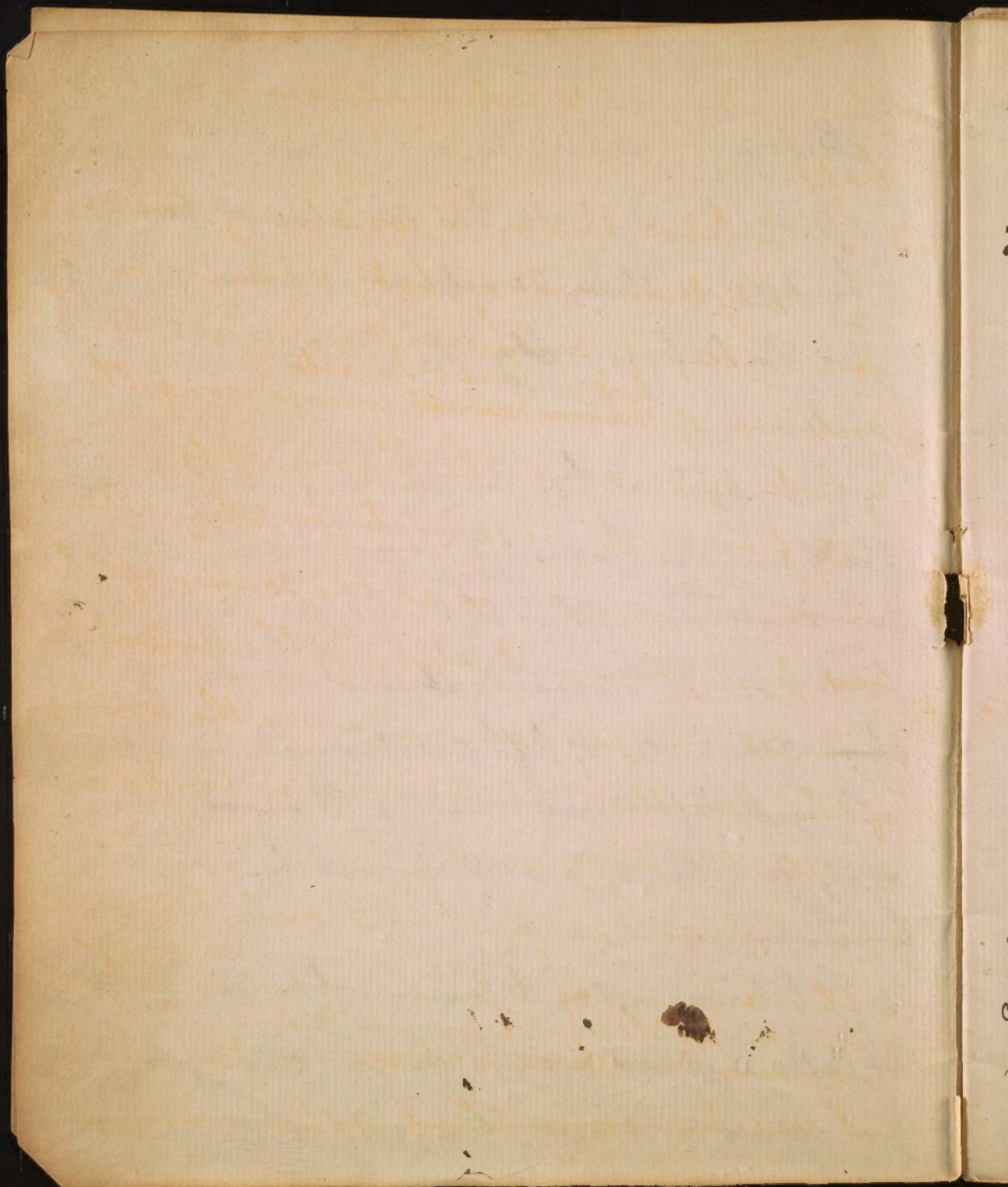
Recapitulation of
Lectures upon
American life.



Before I proceed to mention the phenomena of death, I shall briefly repeat for the benefit of those gentlemen who came late in the season, ~~the~~ the history of Animal life. —

1 I believe life in its perfect state to be in the human species to consist in emotion - Sensation ^{heat} and Thought. In an imperfect state, or in Disease, one or more of those ~~three~~ attributes of life are sometimes deficient, and yet life continues, and ~~most~~ ^{most} in many of its functions proceed in nearly a regular manner.

2 I believe with Dr Brown, life to be what he calls a forced state, or in other words an effort only of Stimuli acting upon

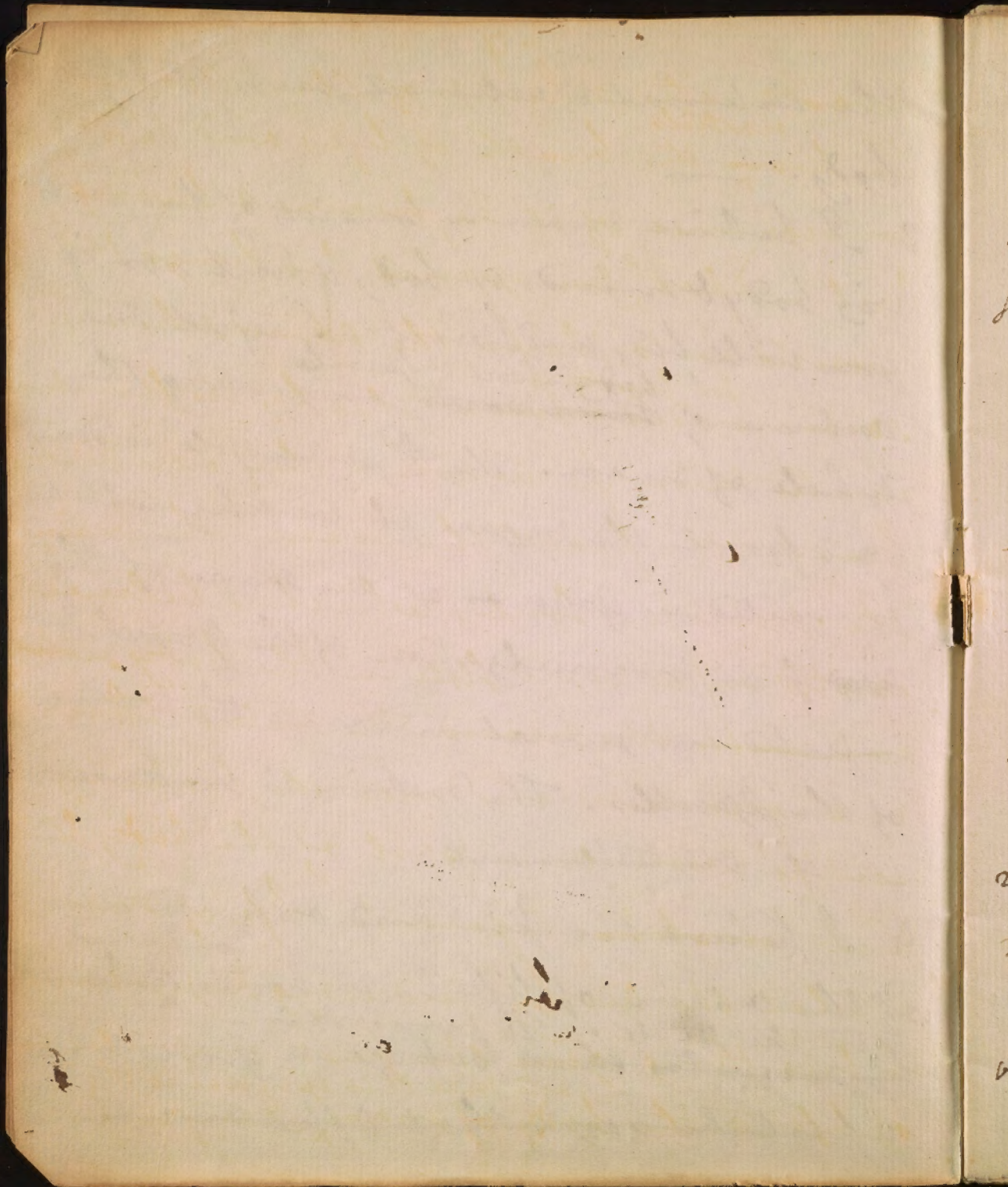


2

the internal & external parts of the body. —

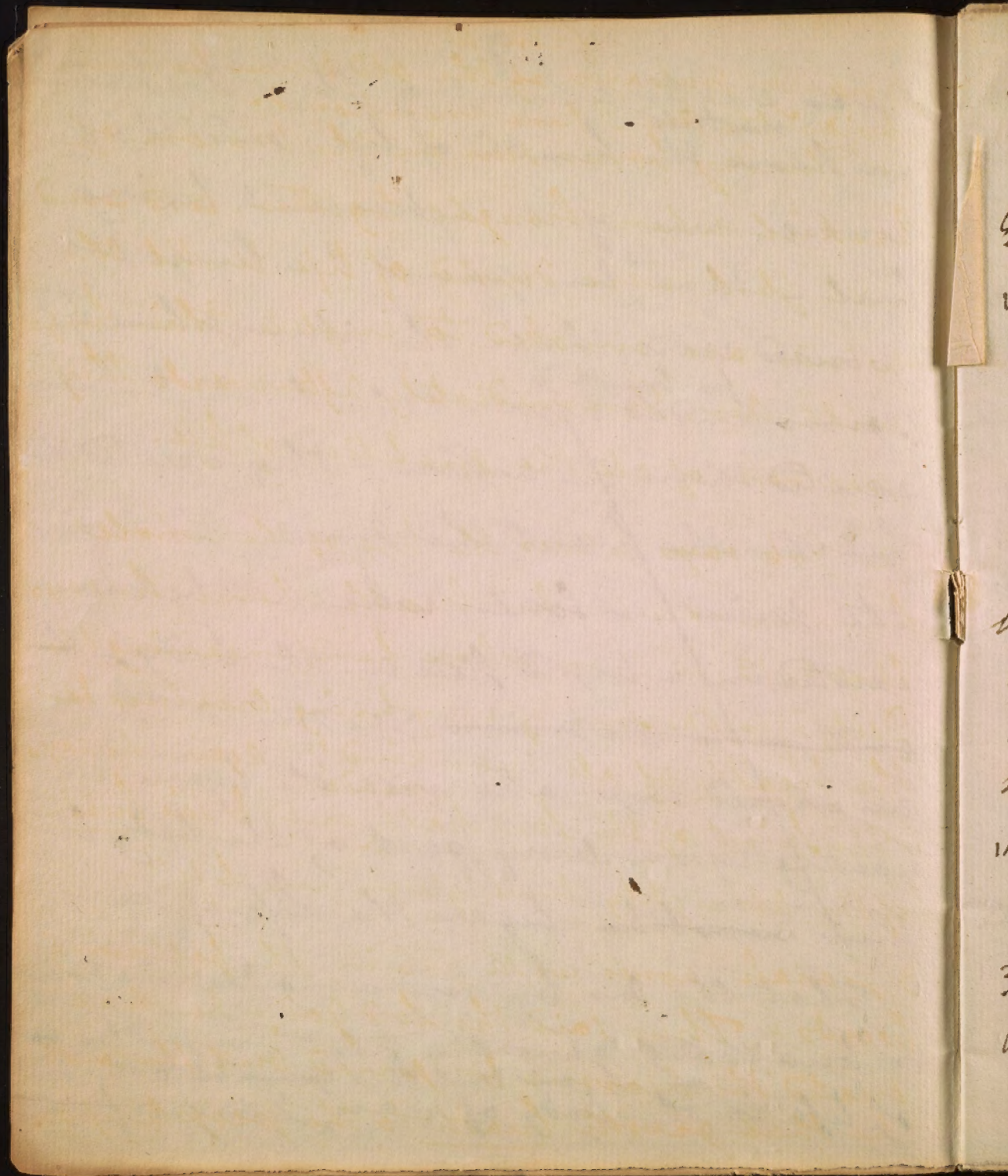
3 I believe man to consist of two parts viz body & mind, or body & soul, or if you will, body and spirit. I reject the doctrine of ~~three parts~~ ^{body - soul & spirit} composing the whole of man. The 3^d principle is derived from the pagan philosophy which prevailed in Greece at the time of the first promulgation of the Gospel, & infected in several instances the writings of the Apostles. The doctrine is unknown in the Old Testament.

4 I believe the first and only true Acc^t of the origin of life in man is ^{contained} ~~contained~~ in the Bible. To prove this — ~~by saying in that passage in Genesis in which he says, that after man~~



7
was created a lump of Clay, God ^{nostrils} breathed
in him the breath of life, and that in
consequence of it he became a living
soul - that ^{is} he opened his lungs &
poured into them the atmosphere &
surrounded him - This, by its stimulus
excited them in action - they excited the
heart - the heart, the brain - the brain
the mind or soul, which I believe
existed in a torpid state in the body, - ~~the~~
~~and with the mind~~ The mind thus
awakened cooperated with the brain in
acting upon every part of the body &
thus ~~constituted~~ began the life of man.

That the air by inducing Respiration,
or breathing gave the first impulse to
of life to the body of man, ^{and that it is essential to it,} I infer from

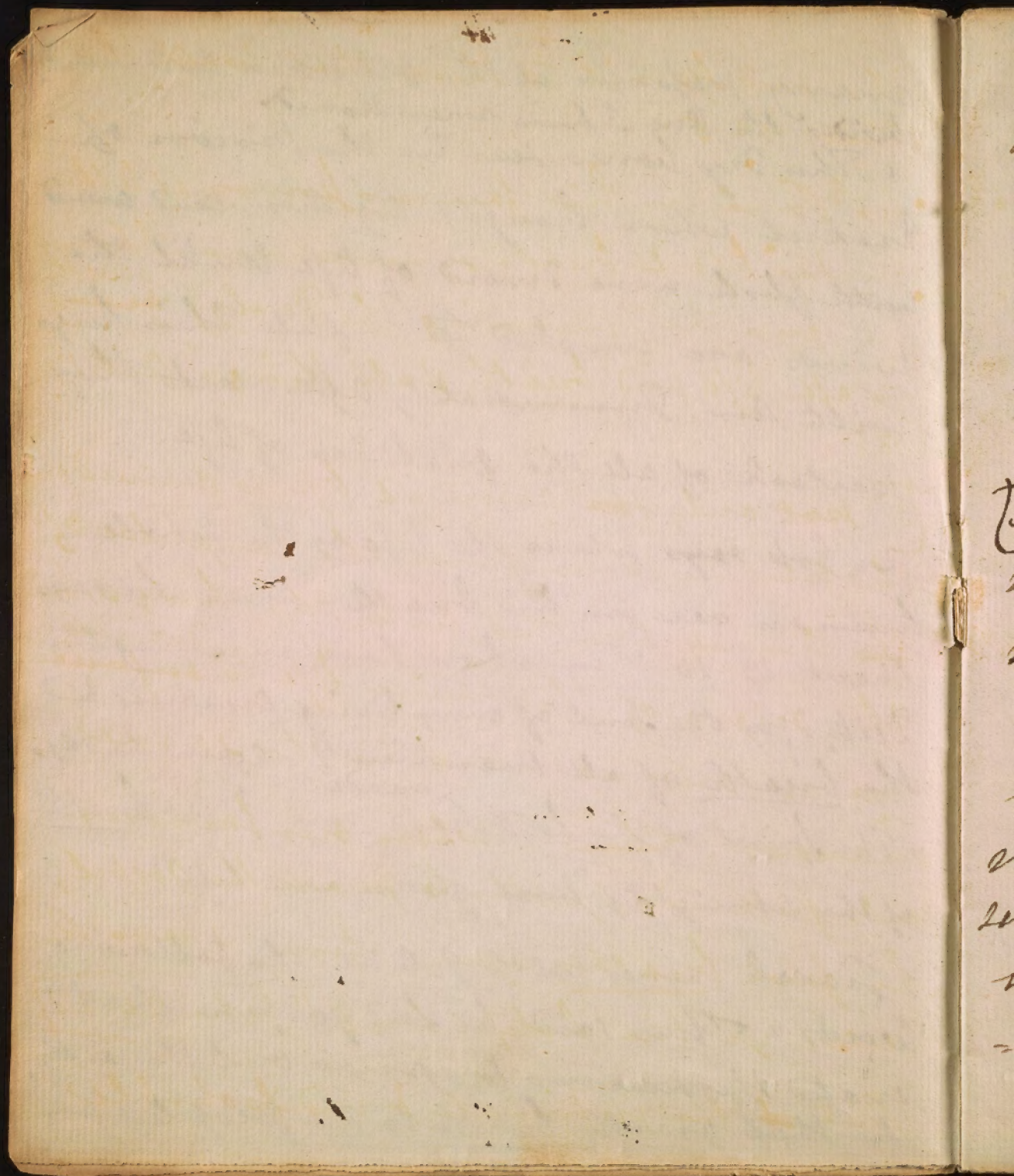


if in 10
many passages of the Old & New Testament.
besides the one I have mentioned.

1 The Day comes seen in the vision of
Ezekiel when brought together, and covered
with flesh were devoid of life until the
winds are invoked to inflate their lungs
with air. Immediately afterwards they
partook of all the qualities of life.

2 Job says places the life of the whole
human race in his breath - hence he says
Chapt. 13. 10 "in whose hand (meaning the
Deity;) is the soul of every living creature &
the breath of all mankind!" again he says
"The Spirit of the Lord hath ^{made} me, & the breath
of the Almighty have given me life"

3 Isaiah agrees with Job in the following
words "Thus said the Lord God, - he that
created the heavens & spread out the earth,
he that giveth breath to the people upon



it, and ^{to} ~~go~~ ^{to} them that walk therein"
Chap: 42.5. -

4 St Paul in his famous sermon at Athens
makes life & breath synonymous - hence
he says "he (meaning the Deity) ^{giveth} ~~giving~~
to all life and breath & all things" Acts 17.
25.

5 Not only ~~the~~ animal life is derived in
the first instance from the impulse of
~~the~~ air ~~is~~ breathed into the lungs, but
the origin of the divine life is ^{described} ~~conferred~~
by as originating in the same
manner. ~~thus~~ ^{hence} - When our Saviour
sends forth his apostles to preach the Gospel,
he first breathes upon them, & says "Re-
-ceive ye the Holy Ghost." John 20.22

But ~~at~~ the intimate & indissoluble



12 ~~Air~~ or Air
connection between breath ~~or air~~ and
life ^{is} established ~~is~~ still further by the
connection which the Scriptures hold
forth between the Absence of Air &
breath ^{and the presence of} death. —

1 The Son of the Widow of Zarephath is said
to die "when his sickness was so sore that
no breath was left in him". Kings 17. 17.

2 The Author of the 104th psalm says. Verse 4
"Thou hidest ~~thy~~ thy face, they are troubled,
— Thou takest away this breath; they die,
and return to their Dust." Again, the Author
of the 146th psalm verse 4. speaking of the Death
of man he says — "His breath goeth forth,
he returneth to his earth — in that very
day his thoughts perish"

[Great and respectable as the authorities

8.

✓ Hence the lungs have been called
"Cordis flabellum," or "ventilabrum"
that is the bellows of the heart.

of Moses & the prophets are in favor of Respi-
~~ration~~ the Air by its Action upon the lungs
 giving the first impulse, ^{of life,} or moving the first
 wheel in the machine of the human body,
 I shall ~~not~~ ~~not~~ add ~~any~~ other facts derived
 from Observation in support of the Opinion
 I am delivering. Exactly in the same way
 in which life began in the first man
 in the Garden of Eden, does it begin in
 every Child that comes into the world. The
 first portion of Air that rushes into
 its lungs, sets them in motion. They
 move the heart - the heart ^{moves} the brain,
 - the brain gradually ^{awakens & removes the} ~~its~~ mind, and bath
 every other part of the body. The first
 impression of Air upon the lungs of a new-
 born infant is painful - hence ~~they~~ ^{its} ~~this~~

12

cries give the first notice of its ^{the} birth passage
of its head into the world. Respiration for
a while in a new born infant is I believe
is at first altogether ⁱⁿ voluntary. I infer
this from the noise it makes in breathing,
from its frequent sighs, and from its dis-
position to sneeze ^(which I shall say hereafter) and from its ~~sleeps~~
^(respiration) being so easily waked from sleep with the
brightest eyes, or the most feeble im-
-pressions. The heart beats from the action
of the blood poured in upon it from the
lungs. From ~~habit~~ only, the lungs
~~become in part~~ ^{move in part} ~~voluntarily~~ After a while
~~partially~~ ^{habitually} involuntarily, and the heart
being more insensible than the lungs
from the influence of its ^{habitual} positions
with the lungs, after a while requires

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an Action altogether involuntary. ~~This~~

Thus you see - while certain Actions
such as the Discharge of the feces, and
Urine in new born infants ^{if the motions of this little} ~~are~~ which are
hands & feet -

originally involuntary, become Volun-

-tary from habit, so certain Actions

originally ⁱⁿ voluntary - that is Respiration,

becomes in part voluntary from ha-

-bit, and imparts to the heart, an Action

completely involuntary, ^{from} ~~which Action~~ ^{are} Dir-
ected ~~Directly or indirectly, all the pulsations of~~ ^{are} Directly

very part of the body, and very ^{faculty} ~~part~~ ^{of} the
of the of the mind. —

That Actions originally involuntary
may become voluntary, from the

influence of the will, and that Actions

V we see a still more remarkable in-
 -stance of the conversion of voluntary
 into involuntary motions in very old
 people - hence the tremors in their limbs,
 and hence too ~~this~~ ^{the} the distressing, and
 often fatal consequences of ~~a fall in~~ ^{they falling}
~~the down in~~ in walking. The whole weight
 of their ^{heads, and} bodies generally strikes the ground,
 and that from the loss of the command
 of their wills over their arms which
~~in early and middle life by being pro-~~
~~-truded, breaks the force of a fall in~~
~~early and middle life.~~

Respiration too ~~in~~ ⁱⁿ dying

Does the external air do so? 394

I shall hereafter ~~now~~ add a number of
 facts from the history of life in other animals,
 which support the important office here
 ascribed to it in imparting the first impulse

16
originally voluntary may become ~~but~~
involuntary from habit is obvious from
many facts. The former appears in
the command which some men acquire
over their stomachs & Diaphragms so as
to puke, and ^{and break wind} vice versa at their pleasure.
There had a Foreigner many years ago who
could imitate ^{in tone} ~~tones of various~~ by emitting
~~sounds~~ of different tones from his
bowels. The latter - viz the conversion
of voluntary ~~not~~ actions into such
as are involuntary appears in
many diseases - ~~in old age~~ and as we
shall say ^{hereafter} ~~particularly~~ in the last hours
of life. Convulsions in a limb, ~~or~~
muscle, - ~~involuntary~~ ~~spasms~~ and are a
striking proof of this change of a volun-
tary into an involuntary action. But

of life in the human species. Before I quit
~~From a review of the air I have given~~
of the agency of the atmosphere in giving the
first impulse to ~~our~~ life, we are left to
consider it as ~~the~~ this Subject I would
hardly ask - Does the external de see
p 384 (C)

From a review of the ^{original & continued} agency of our
atmosphere in the production of life we
are led duly to ^{appropriate} estimate its inestimable value.
Had its use been earlier and more generally
known in the animal economy, it would
probably have robbed the Sun of the idolatrous
worship it ^{has} received in ~~all nations ages~~
^{whole} from ~~the~~ nations in all the ages of the
whole world.
~~go to p 388 + on light.~~

16 17

The A Spark of life being thus infused into the body through the medium of the lungs, it is aided and fed by many aux-

iliary Stimuli. These are external & internal. ^{go to p 378 X} ~~From~~ light, light. 2 sound

3 Odors. 4 ~~external~~ ^{Object desired} from the sense of the sun.

5 exercise. 6 the pleasures of the senses. The

internal stimuli are 1 food Abiments Drinks the processes of mastication Deglutition,

& Digestion - 2 the Chyle - 3 the blood - 4 the

tension of the glands 5 the exercises of the faculties of the mind. ~~For an act of the stimuli~~

These Stimuli by acting all together, produce ~~best~~ life in the waking state. For an act²

of the vicarious Stimuli which support life in sleep, & in all ages, and in all conditions

of the system & in all animals. I refer

you to my ^{printed} lectures upon Animal life.

18

[This simple view of the origin & nature of animal life I know is contrary to the system of many Divines & Physicians. The former suppose life to be the effect of the Soul acting upon the body, and hence they derive death from ~~the~~ the separation of those two component parts of man. The latter substitute a something they call *Anima medica*, ^{or} a Vital principle to ~~for~~ the Soul which by its continual activity ~~and~~ keeps up the actions of the body. Both of them ~~place~~ under man independant of ~~God~~ his maker, or rather both of them thro' the author of ~~the~~ and preserver of our beings in out of light, and create as many ~~little~~ ^{self-existing} ~~independant~~ little gods as there are human creatures.

~~V Chury as the enemies of the doctrine of life
which I ^{am} ~~have~~ taught, teaching. I am not
only to defend myself but to explain them.
They ~~cannot~~ ~~mean~~ ~~as~~ ~~adult~~ ~~man~~ ~~to~~ ~~an~~ ~~equality~~
with respect to the continuance of his life to an
equality with his God. I annihilate~~

V It is more - it is ~~an~~ inspirations.

in the world] ~~It is~~ ^{18 19} ~~introducing the~~
There is a strange disposition to
Of ~~the~~
compare the works of the Creator of the
Universe with the works of a common
Architect. ~~It is supposed by some men~~
~~that the Great Father of that the created~~
all ~~the~~ ^{its wonderful} machinery of ~~the world~~ as a man
makes a watch or a clock, and having
wound it up, ~~throws~~ ^{and}
~~throws it out of his hands,~~ ^{employed him.}
~~afterwards~~ ^{afterwards} he retired to rest, or to
other acts of power and goodness; or if
this were not the case, that he com-
mitted his works to a certain Deputies
known by the names of Nature ⁱⁿ
the inanimate, and Vital principles in
the animated parts of his works. This
idea Gentlemen is ^{contrary} to the whole
tenor of Revelation. The Being that created



our world, never takes his eye, nor his
hand, for a single moment from any
part of it. ~~It is he~~
^{He is constantly}
~~but he~~ warms in the Sun, refreshes in each
breath.

"glows in the stars, blossoms in the trees;
Breathes ~~extends~~ thro' all life, extends thro' all extent,
"Spreads undivided, operates unspent.

His providence, is one continued act of
creating power. The Sun rises, only be-
-cause he says every morning "let there
be light." — the moon and the stars supply
the absence of the Sun, only because he
says every ^{evening} ~~night~~ "let ~~there~~ be lights in
the firmament of heaven, to divide the Day
from the night." The seasons of Spring
and Autumn return, only because he
says "let the earth bring forth grass, the

V From this review of the ~~the~~ origin &
nature of human life, we proceed to men-
-tion the causes & phenomena of death.
and here I shall begin by remarking, that
a belief in a ^{of life} self-existent principle ~~has~~ extended to the
its extinction in death. Hence in the language
of our country, ^{we say of} ~~they are said to die~~ "that they" ^{when} ~~die~~ ^{as if}
~~they~~ ^{they} leave the world, as if they
~~were~~ ^{were} active, and not passive in it
dying. The expression if analyzed conveys
the idea of suicide when ~~we~~ men are destroyed
by common diseases. ^{+ below} The Hebrew language
I have been informed conveys the same idea
in a different manner. The words translated
"he died" are in the original - "he was dead".
Death is expressed in like manner in the
Latin language ~~in~~ by means of a passive verb.
mortuus est, ⁺ thus we see ~~error~~ the physi-
-ological error of man perceiving a principle
of life within himself has corrupted - nay
more profaned our very language.

herb yielding seed, & the fruit tree yielding
fruit after its kind." and ^{even} man exists,
only because he ~~is~~ ^{or air} breathes
into his nostrils the breath of life, not only
at his birth, but every moment of his
~~life~~ existence.

I could multiply passages from the old
and new testaments in support of these opi-
nions as ~~far as~~ they relate to the whole creation.
But I shall ~~only~~ select from many hundreds,
but a single one which relates wholly to

the continuance of the life of man.
and now ^{of life} Behold says ~~Joseph~~ - the Lord hath kept
me alive these forty five years" - ^{he did} ~~then~~
~~reasonable prospect~~ ~~and~~ ~~Joseph~~ did not say - I have

lived forty five years. This would ^{have} implied that
he possessed an ^{independent} principle of life within himself,
and this was contrary to the belief of
this venerable ~~judge~~ leader of the Jewish nation.
go to p 2. of Conception.

